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Dated: February 2, 2005

Signature:

*Staci Harris*  
(Staci Harris)

Docket No.: HO-P02378USO  
(PATENT)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of:  
Helene Derand et al.

Application No.: 10/069,827

Confirmation No.: 5350

Filed: December 11, 2000

Air Unit: 1753

For: MICROFLUIDIC SURFACES

Examiner: J. T. Brown

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT (IDS)**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 CFR 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO/SB/08. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

The U.S. applications and patents cited on the PTO/SB/08 are applications and patents owned by the Assignee, Gyros AB. In addition, Applicants direct the Examiner's attention to U.S. Patent No. 6,444,451, U.S. Patent No. 6,596,238 and U.S. Patent No. 5,971,158, and EP-0176239, which is related to U.S. Patent No. 6,596,238.

This Information Disclosure Statement is filed more than three months after the U.S. filing date, OR more than three months after the date of entry of the national stage of a PCT application, AND after the mailing date of the first Office Action on the merits, whichever occurs first, but before the mailing date of a Final Office Action or Notice of Allowance (37 CFR 1.97(c)).

A copy of each required reference on the PTO/SB/08 is attached.

In accordance with 37 CFR 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 CFR 1.56(a) exists. In accordance with 37 CFR 1.97(h), the filing of this Information Disclosure statement shall not be construed to be an admission that any patent, publication or other information referred to therein is "prior art" for this invention unless specifically designated as such.

It is submitted that the Information Disclosure Statement is in compliance with 37 CFR 1.98 and the Examiner is respectfully requested to consider the listed references.

Our check in the amount of \$180.00 covering the fee set forth in 37 CFR 1.17(p) is enclosed. The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 06-2375, under 10201472.

Dated: February 2, 2005

Respectfully submitted,

By 

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Approved for use through 10/31/2002 OMB 0551-0031  
U. S. Patent and Trademark Office: U. S. DEPARTMENT OF COMMERCE  
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Substitute for form 1449A/PTO

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of 2

## Complete if Known

Application Number 10/069,827  
Filing Date December 11, 2000  
First Named Inventor Helene Derand  
Art Unit N/A  
Examiner Name Not Yet Assigned  
Attorney Docket Number HO-P02378US0

## U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No.	Document Number Number-Kind Code* (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	AA	US-6,444,461	09-03-2002	Knapp et al.	
	AB	US-6,596,238	07-22-2003	Belder et al.	
	AC	US-5,971,158	10-26-1999	Yager et al.	
	AD	US-6,192,768	02-27-2001	LARS WALLMAN	
	AE	US-SN 09/937,533		Larsson et al.	Date not known /JB/
	AF	US-SN 10/169056		Andersson et al.	Date not known /JB/
	AG	US-SN 10/276282		Larsson et al.	Date not known /JB/
	AH	US-20040120856-A1	06-24-2004	Per Andersson	
	AI	US-20030053934-A1	03-20-2003	Per Andersson	
	AJ	US-20030156763-A1	08-21-2003	Tobias Soderman	
	AK	US-20040096867-A1	05-20-2004	Per Andersson	
	AL	US-6,811,736	11-02-2004	Per Ohman	
	AM	US-SN 10/402138		Kylberg et al.	Date not known /JB/
	AN	US-SN 09/958,577		Ulfendahl	Date not known /JB/
	AO	US-6,126,765	10-03-2000	OVE OHMAN	
	AP	US-6,322,682	11-27-2001	LARS-ERIK ARVIDSSON	
	AQ	US-SN 09/869,554		Orlefors et al.	Date not known /JB/
	AR	US-5,690,841	11-25-1997	HAKAN ELDERSTIG	
	AS	US-SN 09/830475		Sjornstrom	Date not known /JB/
	AT	US-SN 10/168942		Tooke et al.	Date not known /JB/
	AU	US-6,812,457-A1	01-29-2004	Per Andersson	
	AV	US-6,726,644-A1	04-27-2004	Robert Blelik	
	AW	US-20030044322-A1	03-06-2003	Per Andersson	
	AX	US-SN 10/957452		Ekstrand et al.	Date not known /JB/
	AY	US-20030054563-A1	03-20-2003	Magnus Ljungstrom	
	AZ	US-SN 10/070912		Ohman et al.	Date not known /JB/
	AA1	US-SN 10/402137		Kylberg et al.	Date not known /JB/
	AB1	US-SN 10/030,297		Derand et al.	Date not known /JB/
	AC1	US-6,203,291	03-20-2001	ERIK STEMME	
	AD1	US-6,620,478	09-16-2003	Ove Ohman	
	AE1	US-US-SN 10/924,151		Tooke et al.	Date not known /JB/
	AF1	US-US-SN 10/513,084		Holmquest et al.	Date not known /JB/
	AG1	US-US-SN 09/937,533		Derand et al.	Date not known /JB/
	AH1	US-US-SN 10/999,532		Ostlin et al.	Date not known /JB/
	AI1	US-US-SN 10/867,893		Derand et al.	Date not known /JB/
	AJ1*	US-US-SN 11/017,252		Derand et al.	Date not known /JB/
	AK1	US-5,995,209	11-30-1999	OVE OHMAN	
	AL1	US-20040202579	10-14-2004	Larsson et al.	
	AM1	US-SN 10/182792		Derand et al.	Date not known /JB/

Examiner  
Signature

Date  
Considered

Substitute for form 1449A/PTO  <h2 style="text-align: center;">INFORMATION DISCLOSURE STATEMENT BY APPLICANT</h2> <p style="text-align: center;">(use as many sheets as necessary)</p>				<b>Complete if Known</b> Application Number: 10/069,827 Filing Date: December 11, 2000 First Named Inventor: Helene Derand Art Unit: N/A Examiner Name: Not Yet Assigned Attorney Docket Number: HO-P02378US0	
Sheet	2	of	2		

	AN1	US-6,653,625-A1	11-25-2003	Per Andersson	
	AO1	US-20030082075-A1	05-01-2003	Tomas Agren	
	AP1	US-20030213551-A1	11-20-2003	Helene Derand	
	AQ1	US-20040099310-A1	05-27-2004	Per Andersson	
	AR1	US-20030129360-A1	07-10-2003	Helene Derand	
	AS1	US-6,454,970	09-24-2002	PER OHMAN	
	AT1	US-SN 10/450177		Ohman et al.	Date not known /JB/
	AU1	US-SN 10/129,032		Tormod	Date not known /JB/
	AV1	US-6,632,656	10-14-2003	Nicholas Thomas	
	AW1	US-6,144,447	11-07-2000	OVE OHMAN	
	AX1	US-20030094502-A1	05-22-2003	Per Andersson	
	AY1	US-5,962,081	10-05-1999	OVE OHMAN	
	AZ1	US-SN 09/674,457		Larsson et al.	Date not known /JB/
	AA2	US-6,812,456-A1	11-02-2004	Per Andersson	
	AB2	US-SN 10/244667		Agren	Date not known /JB/
	AC2	US-20030231312-A1	12-18-2003	Jan Sjoberg	
	AD2	US-SN 10/849321		Fielden et al	Date not known /JB/
	AE2	US-20030211012-A1	11-13-2003	Marten Bergstrom	
	AF2	US-20030047823-A1	03-13-2003	Per Ohman	
	AG2	US-6,717,136-A1	04-06-2004	Per Andersson	
	AH2	US-SN 10/111,822		Tooke et al.	Date not known /JB/
	AI2	US-20040058408-A1	03-25-2004	Nicholas Thomas	
	AJ2	US-5,773,488	06-30-1998	KLAS ALLMER	
	AK2	US-5,376,252	12-27-1994	BJORN EKSTROM	

FOREIGN PATENT DOCUMENTS					
Examiner Initials	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)			
	BA	EP-1076239	02-14-2001	Studiengesellschaft Kohle	

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See attached Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the application number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, page(s), volume-issue number(s), publisher, city and/or country where published	

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature	/Jeffrey Barton/	Date Considered	3/17/05
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<b>Effective on 12/08/2004.</b> <b>Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).</b>		<b>Complete if Known</b>	
<b>FEE TRANSMITTAL</b> <b>For FY 2005</b>		Application Number	10/069,827
		Filing Date	December 11, 2000
		First Named Inventor	Helene Derand
		Examiner Name	J. T. Barton
		Art Unit	1753
		Attorney Docket No.	HO-P02378US0
<input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27			
TOTAL AMOUNT OF PAYMENT	(\$)	180.00	

<b>METHOD OF PAYMENT (check all that apply)</b>	
<input checked="" type="checkbox"/> Check <input type="checkbox"/> Credit Card <input type="checkbox"/> Money Order <input type="checkbox"/> None <input type="checkbox"/> Other (please identify): _____	
<input type="checkbox"/> Deposit Account             Deposit Account Number: <u>06-2375</u> Deposit Account Name: <u>Fulbright &amp; Jaworski L.L.P.</u>	
For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)	
<input type="checkbox"/> Charge fee(s) indicated below <input type="checkbox"/> Charge fee(s) indicated below, except for the filing fee	
<input checked="" type="checkbox"/> Charge any additional fee(s) or underpayment of fee(s) under 37 CFR 1.16 and 1.17 <input checked="" type="checkbox"/> Credit any overpayments	

<b>FEE CALCULATION</b>							
<b>1. BASIC FILING, SEARCH, AND EXAMINATION FEES</b>							
	<b>FILING FEES</b>		<b>SEARCH FEES</b>		<b>EXAMINATION FEES</b>		
		Small Entity		Small Entity		Small Entity	
<b>Application Type</b>	<b>Fee (\$)</b>	<b>Fee (\$)</b>	<b>Fee (\$)</b>	<b>Fee (\$)</b>	<b>Fee (\$)</b>	<b>Fee (\$)</b>	<b>Fees Paid (\$)</b>
Utility	300	150	500	250	200	100	
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	
							<b>Small Entity</b>
							<b>Fee (\$)</b>
							<b>Fee (\$)</b>
<b>2. EXCESS CLAIM FEES</b>							
<b>Fee Description</b>							
Each claim over 20 (including Reissues)							50
Each independent claim over 3 (including Reissues)							200
Multiple dependent claims							360
							180
<b>Total Claims</b>							
<b>Extra Claims</b>							
<b>Fee (\$)</b>							
<b>Fee Paid (\$)</b>							
<b>Multiple Dependent Claims</b>							
<b>Fee (\$)</b>							
<b>Fee Paid (\$)</b>							
<b>Indep. Claims</b>							
<b>Extra Claims</b>							
<b>Fee (\$)</b>							
<b>Fee Paid (\$)</b>							
<b>3. APPLICATION SIZE FEE</b>							
If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).							
<b>Total Sheets</b>							
<b>Extra Sheets</b>							
<b>Number of each additional 50 or fraction thereof</b>							
<b>Fee (\$)</b>							
<b>Fee Paid (\$)</b>							
- 100 = _____ /50 _____ (round up to a whole number) x _____ = _____							
<b>4. OTHER FEE(S)</b>							
Non-English Specification, \$130 fee (no small entity discount)							
Other (e.g., late filing surcharge): 1806 Submission of an Information Disclosure Statement							180.00

<b>SUBMITTED BY</b>			
Signature	Registration No. (Attorney/Agent)	45,872	Telephone (713) 651-5407
Name (Print/Type)	Melissa W. Acosta		Date February 2, 2005

<b>Fee Transmittal</b>	
I hereby certify that this correspondence is being deposited with the U.S. Postal Service as Express Mail, Airbill No. ER509328525US, in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below.	
Dated: February 2, 2005	Signature: <u>Sharon V. Harris</u> (Sharon Harris)